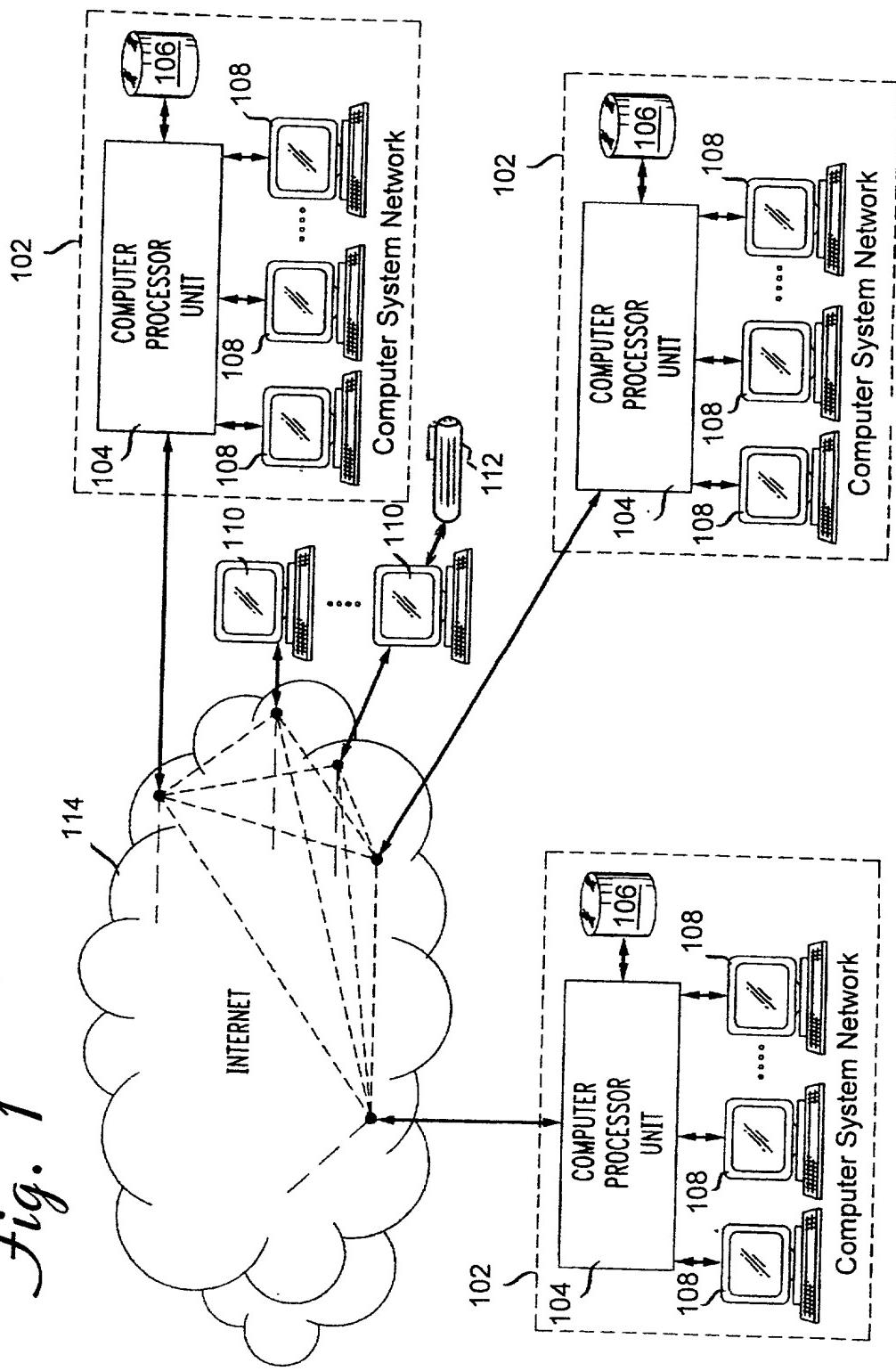


Fig. 1



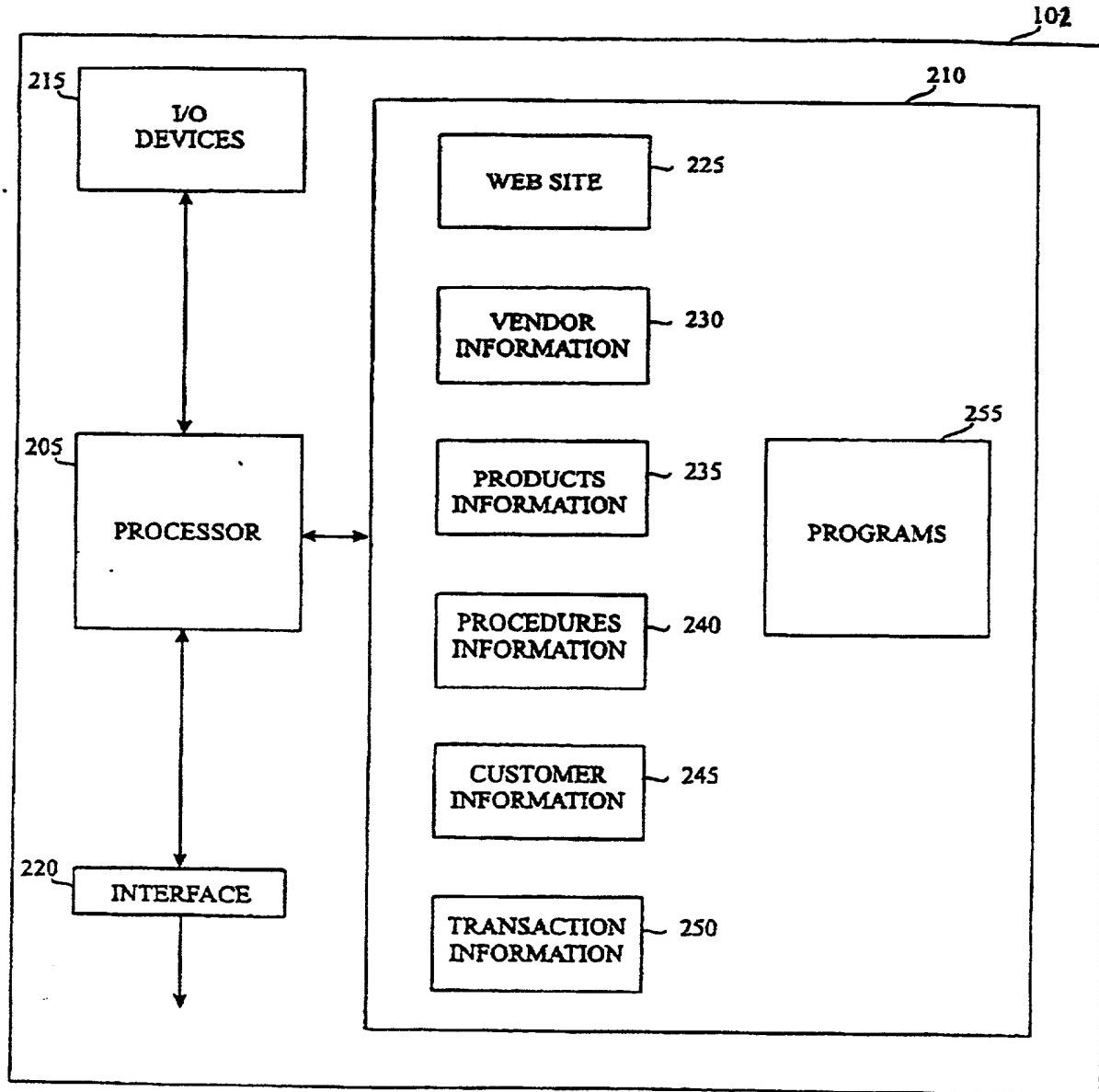


Fig. 2

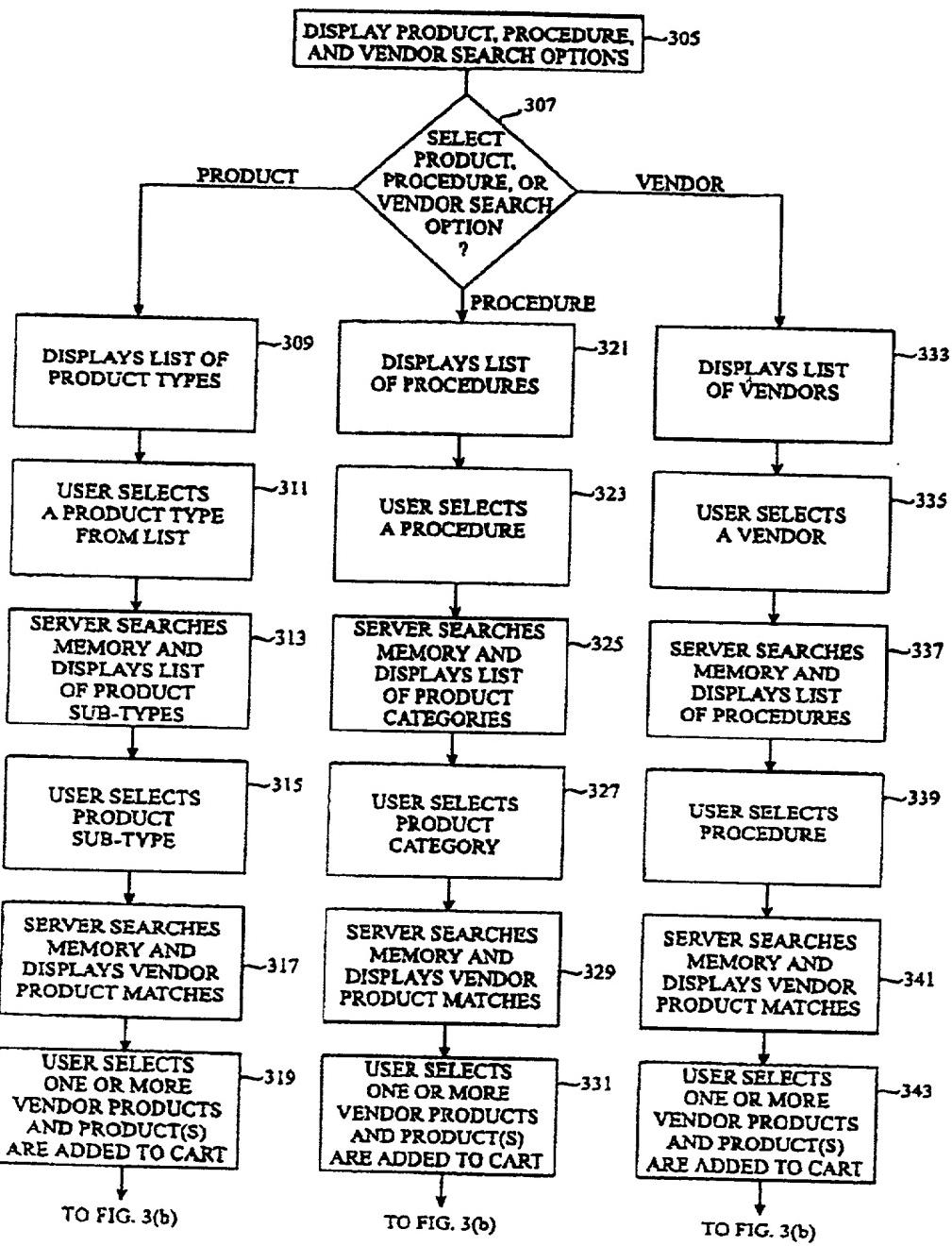
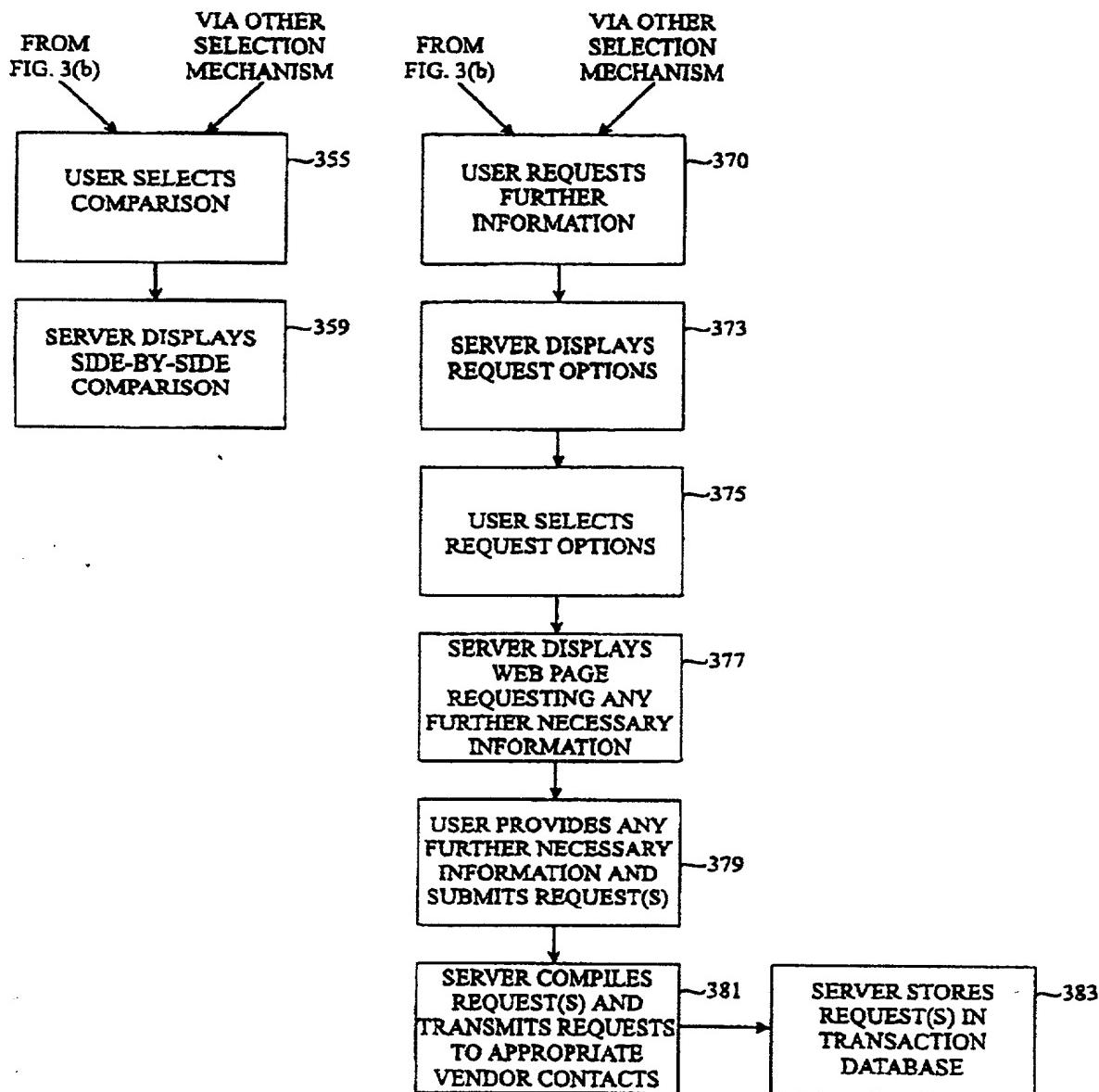


Fig. 3a

*Fig. 3b*

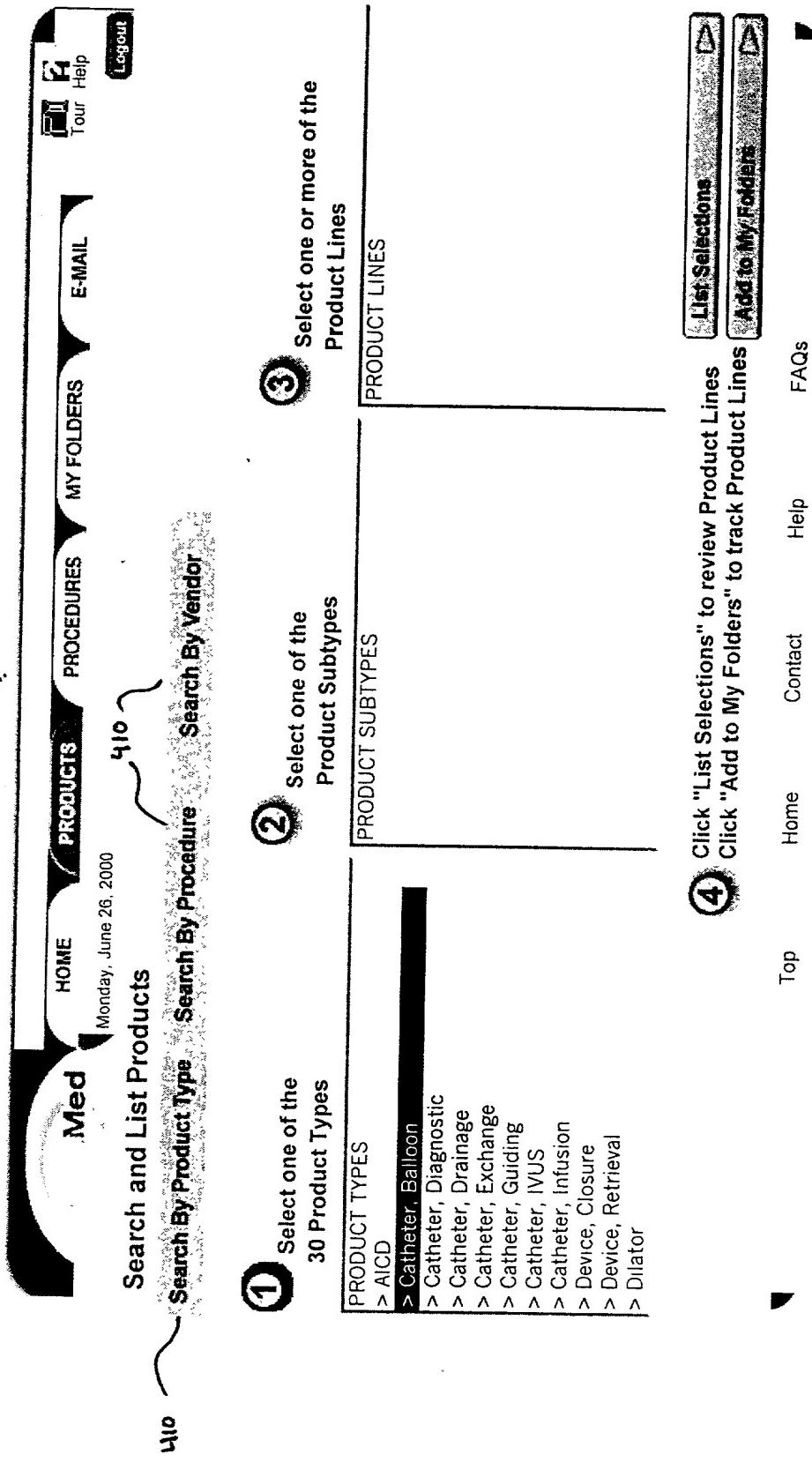
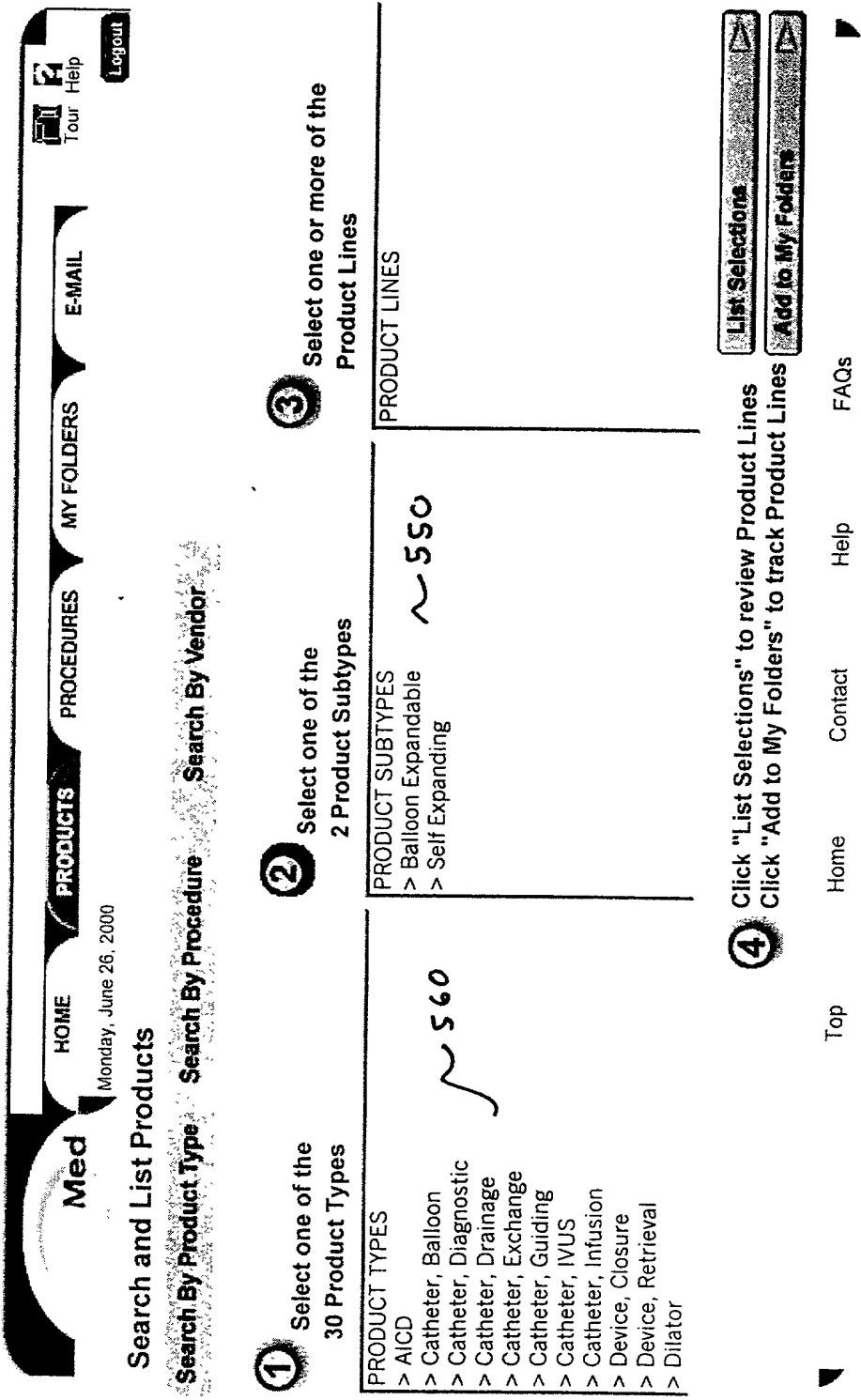


Fig. 4



Jig. 5

Med

HOME PRODUCTS PROCEDURES MY FOLDERS E-MAIL **E** Help Logout

Monday, June 26, 2000

Search and List Products

Search By Product Type **Search By Procedure** **Search By Vendor**

① Select one of the 30 Product Types

PRODUCT TYPES	
> AlCD	
> Catheter, Balloon	610
> Catheter, Diagnostic	
> Catheter, Drainage	
> Catheter, Exchange	
> Catheter, Guiding	
> Catheter, IVUS	
> Catheter, Infusion	
> Device, Closure	
> Device, Retrieval	
> Dilator	

② Select one of the 2 Product Subtypes

PRODUCT SUBTYPES
> Balloon Expandable
> Self Expanding

③ Select one or more of the 18 Product Lines

PRODUCT LINES
> Palmaz® Corinthian™ Stent
> VistaFlex™ Biliary Stent
> IntraStent™
> IntraStent™ DoubleStrut™
> IntraStent™ LP
> Tenax complete®
> Crossflex™ LC Stent
> ACS MULTI-LINK TRISTAR™ Stent
> Palmaz® Stent
> GR II® Coronary Stent
> S670 with Discrete Technology™ Stent

**④ Click "List Selections" to review Product Lines
Click "Add to My Folders" to track Product Lines**

List Selections Add to My Folders

Top Home Contact Help FAQs

Jig. 6

Search and List Products	
1	Select one of the 16 Procedures <i>✓ 710</i>
2	Select one of the Product Types <i>✓ 720</i>
3	Select one or more of the Product Lines <i>✓ 730</i>
PROCEDURES <ul style="list-style-type: none"> > AAA repair with endoluminal graft placement > AAA using Gore Bifurcated EXCLUDER™ > Endoprosthesis > AAA with endovascular intervention > AVM, facial > AVM, lower extremity > AVM, submandibular and lingual > AVM, upper extremity and chest wall > Carotid endarterectomy > Chemoembolization of the liver (Dx: multifocal hepatoma) 	
4 <ul style="list-style-type: none"> Click "List Selections" to review Product Lines Click "Add to My Folders" to track Product Lines 	
Top Home Contact Help FAQs	
List Selections  Add to My Folders 	

Fig. 7

Med

Monday, June 26, 2000

[Search and List Products](#) [Search By Product Type](#) [Search By Procedure](#) [Search By Vendor](#)

① Select one of the 16 Procedures		② Select one of the 6 Product Types		③ Select one or more of the Product Lines	
PROCEDURES		PRODUCT TYPES		PRODUCT LINES	
<ul style="list-style-type: none"> > AAA repair with endoluminal graft placement > AAA using Gore Bifurcated EXCLUDER™ Endoprosthesis > AAA with endovascular intervention > AVM, facial > AVM, lower extremity > AVM, submandibular and lingual > AVM, upper extremity and chest wall <u>gso</u> > <u>Carotid endarterectomy</u> > Chemoembolization of the liver (Dx: multifocal hepatoma) 		<ul style="list-style-type: none"> > Balloon Expandable > Coronary > Interventional > Introducer > Peripheral > Wire, Guide 		<ul style="list-style-type: none"> 840 	

④ Click "List Selections" to review Product Lines
④ Click "Add to My Folders" to track Product Lines

[List Selections](#) [Add to My Folders](#)

[Top](#) [Home](#) [Contact](#) [Help](#) [FAQs](#)

Fig. 8

Med

Monday, June 26, 2000

Search and List Products

Search By Product Type **Search By Procedure** **Search By Vendor**

① Select one of the 16 Procedures

PROCEDURES	<ul style="list-style-type: none"> > AAA repair with endoluminal graft placement > AAA using Gore Bifurcated EXCLUDER™ Endoprostheses > AAA with endovascular intervention > AVM, facial > AVM, lower extremity > AVM, submandibular and lingual > AVM, upper extremity and chest wall > Carotid endarterectomy > Chemoembolization of the liver (Dx: multifocal hepatoma)
------------	---

② Select one of the 6 Product Types

PRODUCT TYPES	<ul style="list-style-type: none"> > Balloon Expandable > Coronary > Interventional > Introducer > Peripheral > Wire, Guide
---------------	---

③ Select one or more of the 64 Product Lines

PRODUCT LINES	<ul style="list-style-type: none"> > ACS HI TORQUE FLOPPY® .010 Guide Wire > ACS HI-TORQUE APPROACH® .010 Guide Wire > ACS HI-TORQUE TRAVERSE® Guide Wire > ATW™ All Track Wire > Amplatz Apex Wire Guide > Amplatz Extra-Stiff Wire Guide > Amplatz Movable Core Wire Guide > Amplatz Super Stiff™ Guidewires > Amplatz Tapered Extra-Stiff (LT,LLT) Wire Guide > Amplatz Ultra-Stiff Wire Guide
---------------	---

④ Click "List Selections" to review Product Lines
Click "Add to My Folders" to track Product Lines

Top **Home** **Contact** **Help** **FAQs**

Jig. 9

Med

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Monday, June 26, 2000

Search and List Products

[Search By Product Type](#) [Search By Procedure](#) [Search By Vendor](#)

① Select one of the 75 Vendors

CHOOSE VENDOR NAME

- > Abbott Laboratories
- > Aesculap Inc.
- > Agilent Technologies
- > AngioDynamics
- > Arthrex Inc.
- > ArthroCare Corp.
- > B. Braun Medical Inc.
- > BIOTRONIK, Inc.
- > Bio-Vascular, Inc.
- > Biomet Inc.
- > Boston Scientific Corporation

② Select one of the Procedures

PROCEDURES

1000

③ Select one or more of the Product Lines

PRODUCT LINES

1020

**④ Click "List Selections" to review Product Lines
Click "Add to My Folders" to track Product Lines**

[List Selections](#) [Add to My Folders](#)

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Fig. 10

Med

HOME PRODUCTS PROCEDURES MY FOLDERS E-MAIL Tour Help Logout

Monday, June 26, 2000

My Folders

My Products Info

1100

Balloon Expandable : Stent

X Remove All

1105

MEGALINK™ Biliary Stent

Palmaz-Schatz® Stent

1100

Wire, Guide

X Remove All

1105

Roadrunner® The Firm™ Wire Guide

1120

Remove Item

X

1110

Remove Item

X

1110

List Selections

Top Home Contact Help FAQs

Fig. 11

Med

Monday, June 26, 2000

Product Listing

Stent: **Balloon Expandable**

Quick Tips
Click on a company name to see the CentriMed profile on that company.

Click on the **e-Product** button to see a more detailed data sheet on an individual product.

1200

1210

1230

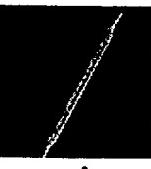
1210

Attributes

sheath diameter (Fr):	8
stent length (mm):	6,7
stent diameter (mm):	6,7,8,9,10
catheter length (cm):	5-10
clinical indications:	biliary
design:	corrugated ring
material:	-
wall thickness (in):	.00465
balloon diameter (mm):	.0055
reconstraining:	-
guidewire compatibility (in):	6,7,8,9,10

Top **Home** **Contact** **Help** **FAQs**

Guidant Corp.
MEGALINK™ Biliary Stent


Cordis
PalmaZ-Schatz® Stent


Add this product to your Info Folder

Add this product to your Info Folder

Add this product to your Info Folder

Logout

Jig. 12

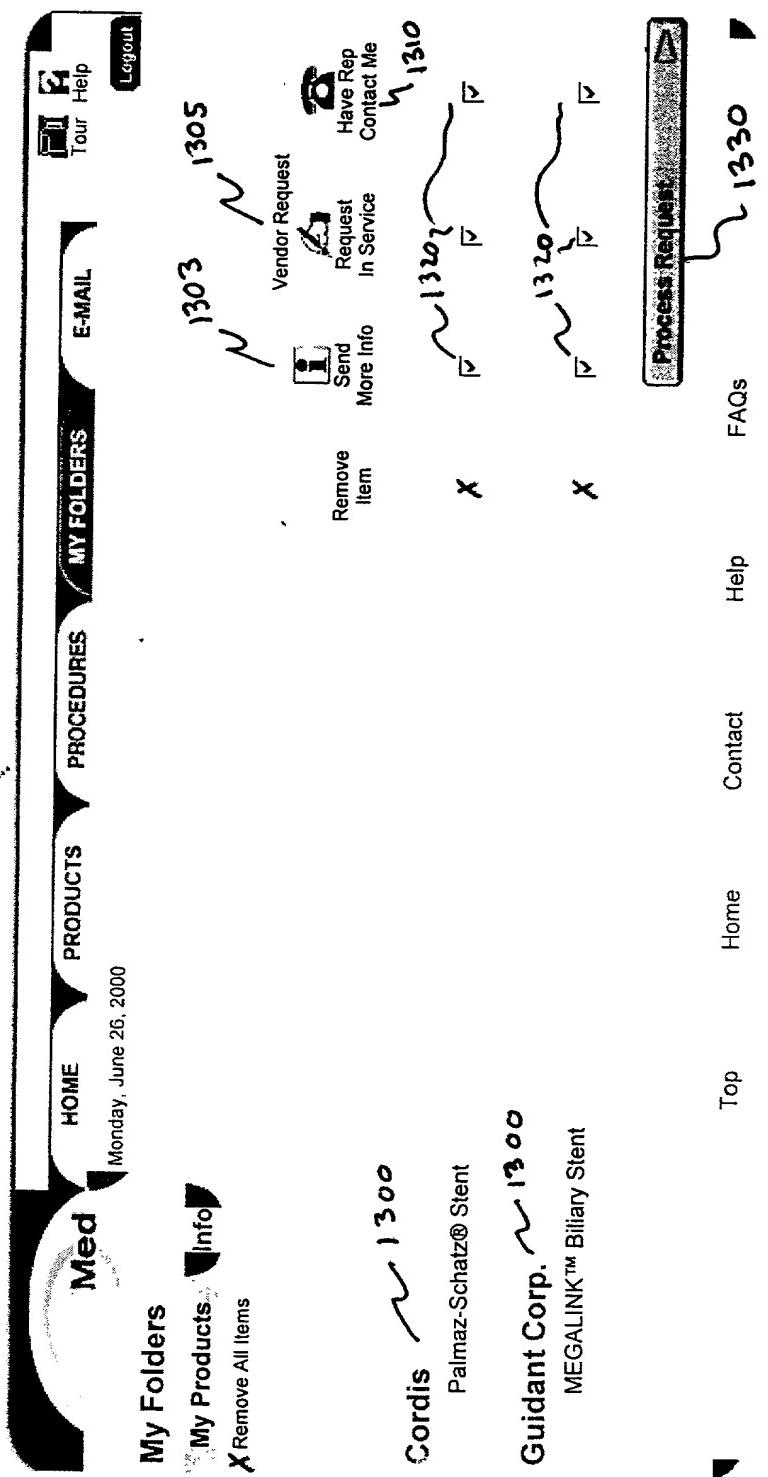


Fig. 13

1402

1408

1412

1410

1406

1404

1401

CentriMed VASCULAR PRODUCTS COMMUNITY PROCEDURES E-MAIL Site Map Feedback Help Customize Logout

Endovascular AAA Repair

Index

- Step 1: Positioning
- Step 2: Operative Technique
- Step 3: Procedure
- Step 4: Closure

Major Equipment Used

- C-Arm with DSA
- Delivery Catheter
- Guidewire
- Sheath

AAA Procedure Info Menu

- Video Clip
- View Case Card
- White Paper
- 3D Operating Room View
- Audio Presentation

Step 1: Position Patient, Identify Anatomy and Prep

Patient is placed in supine position and bilateral groin prepped. Plastic steri drape placed over groin region.

Step 2: Operative Technique

Longitudinal incision is made over femoral pulse approximately 10-15 cm in length. Two large bore catheters inserted into upper extremities. Swan-Ganz catheter is inserted. Femoral artery is exposed from origin to its bifurcation. Wire advanced into the aorta past aneurysm. Catheter is advanced over the wire and the wire removed.

Step 3: Procedure

Shoot arterogram to determine position of aneurysm. Length and size of device is determined. Device prepped outside patient (per manufacturer's IFU's). Device placed over the wire into position. Device deployed as per manufacturer's IFU's. Two PTA Balloons are inflated to deploy stent graft. Catheter repositioned to shoot final angiogram.

Step 4: Closure and Documentation

At the conclusion of the case a final angiogram is done at completion of the implantation checking to assess distal seal and limb patency. The sheath is removed and the common iliac artery is clamped proximally and distally. The arterotomy is closed with running suture and the subcutaneous tissues are closed with running 2-0, or 3-0 absorbable suture. Skin is closed either with staples or sutures. Dressing applied.

Top Home Contact Help FAQ

Internet

Fig. 14

1502

Endovascular AAA Repair			
Prep/Position			
Gloves	8 1/2 Biogel	Supine	Donut, Small sandbag under hip, wrist restraints
3-4 Art Line Tubing		Prone	Arms tucked, pillows under knees
2-4 Way Stopcocks		Multi-level	Foam under heels, shoulder roll
Topical Thrombin	1,000 U	Basin	Extra Large
Dexamethasone	10 mg/ml	Ioban	3M 6650 Inverse Reg Ioban
Mayo Stands	3	Towel nonabsorb	DT12
Cell Saver	1	DRSG gauze	4 x 8 Sterile
Donut	1	Drape	3/4 Fan fold CS/20
Wrist Restraints	2		
Gel Prep Tray	P4460		
Gown Surgeon	XXL (4 pack)		
Lap Towel	package		
Xylocaine	5% with EPI	DRSG Benzoin	Amp #718154
Zinacet	1.5 gm	DRSG Telfa	Sq 3" x 4" 1050
Bacitracin	50 U	Decadron	10 mg
Cath Teno Foley	12FR	Dexamethasone	20 mg/ml 5ml
Approach			
Arterial puncture needle		Mechanical retractor	Set
18G Protective Plus Angiocath		Cardiovascular Inst	Set
4 Art Line Tubing		Retractor Omento	tral
3cc Syringe		Electrosurgical	Volleylab
X Ray Angopack		Generator	
Instrument Wipes		Gelfoam	Large 100 mm
Puncture Needle			Powder 1 gm
			Small 12 x 7
Intervention			
5 FF Sheath		Heparin 3000U/300cc saline	
14x2 Accion Balloon Catheter		Forceps, DeBakey long	
Doppler CV w/cord		Pledge, Ilefon 0x4 5H019312	
Catheter Aortic Occlusion # 12F		Hemoclip set	
70cm Marker Pigtail Catheter			
Close			
Dressing		Pack	OFG320
Sten strip	1/4 inch	Suture	3.0 Prolene w/graff
Telfa	Small		HIA 3 w/pledge
Gauze	4 x 8		VICRYL 2.0 #J351H
Paper Tape	2		

1504

Fig. 15

1602

CentriMed

VASCULAR PRODUCTS COMMUNITY PROCEDURES E-MAIL Site Map Feedback Help
 Vascular Digital Desktop Software

Endovascular AAA Repair

Index

Step 1: Positioning
 Step 2 Operative Technique
 Step 3 Procedure
 Step 4 Closure

Major Equipment Used

C-Arm with DSA
 Delivery Catheter
 Guidewire
 Sheath

AAA Procedure Info Menu

Video Clip View Case Card
 White Paper 3D Operating Room View
 Audio Presentation

Step 1: Position Patient, Identify Anatomy

Patient is placed in supine position and bilateral large bore catheters inserted into upper extremities over groin region.

Step 2: Operative Technique

Longitudinal incision is made over femoral pulse. Large bore catheters inserted into upper extremities. Femoral artery is exposed from origin to its bifurcation. Catheter is advanced over the wire and deployed.

Step 3: Procedure

Shoot arteriogram to determine position of aneurysm. Length and size of device is determined. Device prepped outside patient (per manufacturer's IFU's). Device placed over the wire into position. Device deployed as per manufacturer's IFU's. Two PTA Balloons are inflated to deploy stent graft. Catheter repositioned to shoot final angiogram.

Step 4: Closure and Documentation

At the conclusion of the case a final angiogram is done at completion of the implantation checking to assess distal seal and limb patency. The sheath is removed and the common iliac artery is clamped proximally and distally. The arterotomy is closed with running suture and the subcutaneous tissues are closed with running 2.0 or 3.0 absorbable suture. Skin is closed either with staples or sutures. Dressing applied.

Fig. 16

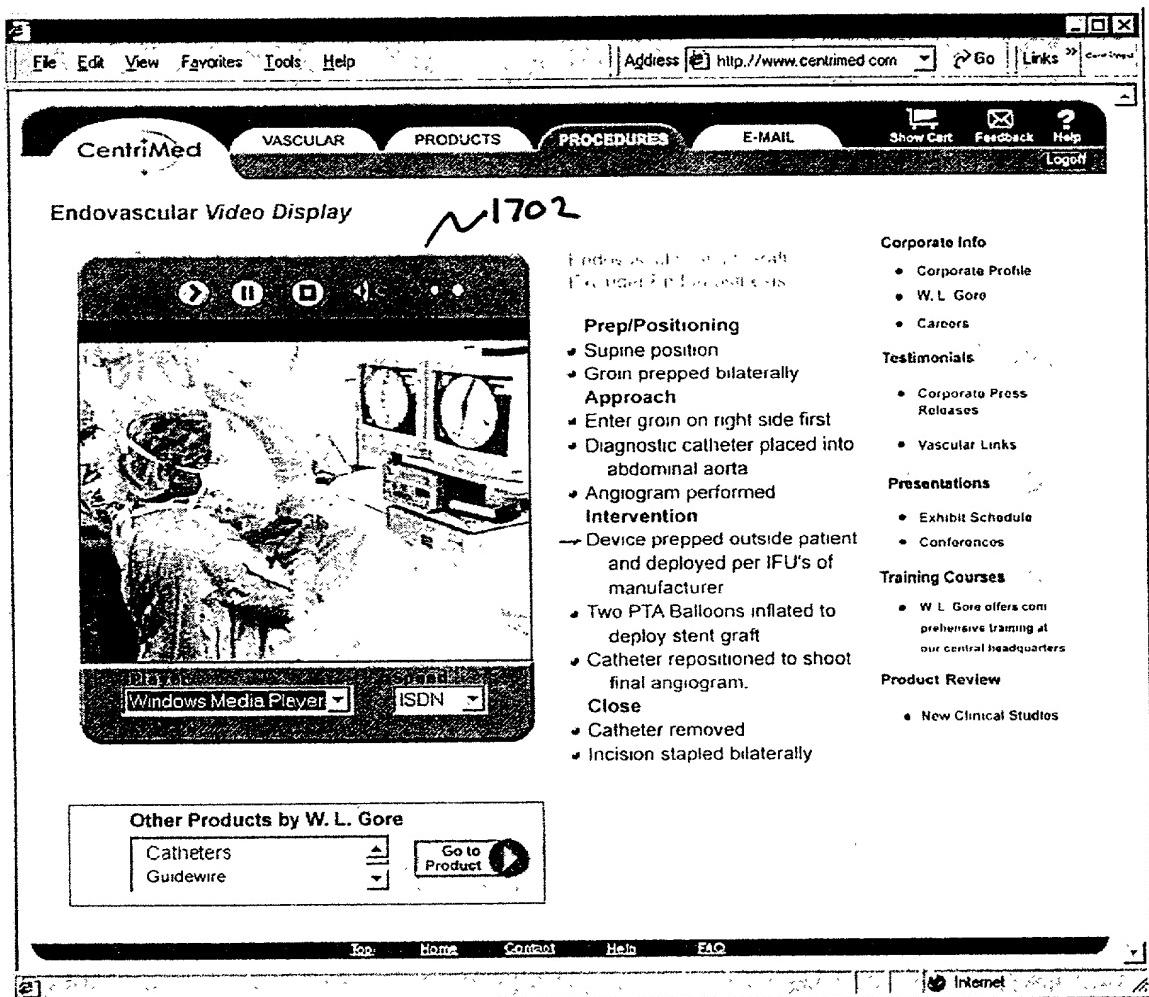


Fig. 17

~1802

Preferences: View Only Urgent Open Clear All: Closed Non Urgent

St. Joseph MC **Johnson SC** **My office** **Administration**

Action Type: **Sent by**: **Priority**

Your budget
Your current expenditures

ITEM	ORG	STATUS	NOTE
BSC/Medi-Tech Wallstent	SJMC	Approved	Your request has been approved
J&J Cordis Nitinol Smart Stent	Office	Denied	Call Materials Dept with questions
Bard Memotherm	JSC	Pending action	It's out on review
Medtronic AVE Flex Bridge Stent	SJMC	Approved	Your request has been approved
BSC/Medi-Tech Wallstent	SJMC	Budgeted	Receipt confirmation 7 12pm
Angiodynamics AngiOPTIC	SJMC	Budgeted	Receipt confirmation 1 20pm
Boston Scientific	JSC	PO submitted	Receipt confirmation 1 20pm
Angiodynamics Abcission	SJMC	PO submitted	Receipt confirmation 1 24pm
Angiodynamics Memory-Vu	SJMC	Budgeted	Receipt confirmation 1 47pm
Angiodynamics Fortress	SJMC	Budgeted	Receipt confirmation 3 45pm
Angiodynamics Pulse Spray Pro	Office	PO submitted	
BSC/Medi-Tech Wallstent	SJMC	In transit (full)	ETA 10 99am Thursday, 02/24/00
Angiodynamics Pulse Spray	SJMC	In transit (partial)	ETA 10 99am Monday, 02/26/00
Injector	SJMC	PO (full)	ETA 1 99am Monday, 02/26/00
Angiodynamics Uni Fuse Kits	JSC	Received (full)	
Angiodynamics VistaFlex	SJMC	Received (partial)	
BSC/Medi-Tech Wallstent	SJMC	Not budgeted	Order declined Redundant
Angiodynamics Add Components	SJMC	Already stocked	Order declined Redundant
Angiodynamics Fortress	JSC	No consensus	Order declined Sub unavailable
Angiodynamics Pulse Spray Inj	SJMC	Over budget	Order declined
Angiodynamics VistaFlex	JSC	Too expensive	Order declined

AU **St. Joseph MC** **Deaconess MC** **Johnson Surgical C** **Maintenance**

From	Date	Subject	Message Type
Tom McCormick	March 25, 2000	Boston Scientific Symphony	Purchase Request
Tom McCormick	March 23, 2000	Brain Lab Vector Vision	Budget Request
Tom McCormick	March 23, 2000	Brain Lab Vector Vision	Budget Request
Tom McCormick	March 23, 2000	Brain Lab Vector Vision	Budget Request
Tom McCormick	March 23, 2000	Brain Lab Vector Vision	Budget Request
Tom McCormick	March 23, 2000	Brain Lab Vector Vision	Budget Request

Date: March 25, 2000 / **Subject:** Boston Scientific Smart Stent / **Message Type:** Information Request
The Boston Scientific Symphony stents were approved and we would like to place the order asap. By the way we're still under budget for the quarter, so Doctor Johnson has also requested we order the Brain Lab Vision for his 2nd floor OR

Fig. 18